

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
OMB No. 44-R1387

P/N 28-AD-0019

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME		EMERGENCY TELEPHONE NO.
Essex Chemical Corp. Coast Pro-Seal Division		(213) 636-0851
ADDRESS (Number, Street, City, State, and ZIP Code)		
19451 Susana Road, Compton, California 90221		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS
Adhesive, MYLAR W/Accelerator PRO-SEAL 501		Accelerator
CHEMICAL FAMILY	FORMULA	
N/A	N/A	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST Organic Peroxide	20-25%		ALLOYS		
VEHICLE Epoxy resins	75-80%		METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	0
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	Nil		
APPEARANCE AND ODOR Viscous clear liquid - faintly sweet odor			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	LeI	UeI
Over 200 deg. F open cup	N/A		
EXTINGUISHING MEDIA Dry chemical, CO <sub>2</sub> , foam, water			
SPECIAL FIRE FIGHTING PROCEDURES None			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	Unknown
EFFECTS OF OVEREXPOSURE	May cause irritation of skin or mucous membranes
EMERGENCY AND FIRST AID PROCEDURES	Flush througly with water, soap if skin.
If accidently ingested, give emetic and consult physician.	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	High temperature.
INCOMPATABILITY (Materials to avoid)		Avoid strong reducing agents.	
HAZARDOUS DECOMPOSITION PRODUCTS		CO <sub>2</sub> , H <sub>2</sub> O upon combustion.	
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Clean up spillage with rags or sweeping compound and solvents.	
WASTE DISPOSAL METHOD	Preferably burn waste.

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type)		
VENTILATION	LOCAL EXHAUST	In confined areas, cannister type
	MECHANICAL (General)	Recommended
		SPECIAL
		OTHER
PROTECTIVE GLOVES	Recommended	EYE PROTECTION
		Recommended
OTHER PROTECTIVE EQUIPMENT		
Coveralls, aprons		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Avoid contact and ingestion. Store below 80 deg. F	
OTHER PRECAUTIONS	None